



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D2582****Job Sheet 203902****Part No:** D2582**Job Qty:** 10 pcs**Part Name:** Hi-Skid Step Leg Assembly**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 11/28/19**Job Tracking No:****Due Date:** 1/31/20**Created By:** Marie Lajeunesse**Type:** SOLD**Description:**

**Note:** DWG REV B IPP Rev:F Removed Manufacturing 05-11-07 JLM IPP Rev:G Added part # to Sub 06-08-10 JLM  
IPP Rev H New pick list 08.01.11 EC verified by: DD

**Ship Via:****Bill of Materials****Job Routing**

| Op<br>No | Operation                   | Qty    | Start Date | Due<br>Date | Standard |      | Workcenter/Supplier   |           | DAS Sign-off                  |
|----------|-----------------------------|--------|------------|-------------|----------|------|-----------------------|-----------|-------------------------------|
|          |                             |        |            |             | Setup    | Run  | Workcenter / Supplier | Lead Time |                               |
| 100      | Small Fab - 1               | 10 pcs | 1/31/20    | 1/31/20     | 0.00     | 1.55 | Small Fab - 1         |           | 58 FEB 24 2020<br>9-89        |
|          |                             |        |            |             |          |      | Small Fab - 2         |           |                               |
|          |                             |        |            |             |          |      | Small Fab - 3         |           |                               |
|          |                             |        |            |             |          |      | Small Fab - 4         |           |                               |
|          |                             |        |            |             |          |      | Small Fab - 5         |           |                               |
|          |                             |        |            |             |          |      | Small Fab - 6         |           |                               |
|          |                             |        |            |             |          |      | Small Fab - 7         |           |                               |
|          |                             |        |            |             |          |      | Small Fab - 8         |           |                               |
|          |                             |        |            |             |          |      | Small Fab - 9         |           |                               |
| 110      | QC 5                        | 10 pcs | 1/31/20    | 1/31/20     | 0.00     | 0.00 | QC 5 - 10             |           | DAS 40<br>FEB 25 2020<br>9-89 |
|          |                             |        |            |             |          |      | QC 5 - 12             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 17             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 18             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 19             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 22             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 24             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 3              |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 43             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 49             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 51             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 58             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 68             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 9              |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 50             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 30             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 40             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 61             |           |                               |
|          |                             |        |            |             |          |      | QC 5 - 81             |           |                               |
| 120      | Packaging 3-1 - Stock - B4B | 10 pcs | 1/31/20    | 1/31/20     | 0.00     | 0.00 | Packaging 3 - 1 - B4B |           |                               |
|          |                             |        |            |             |          |      | Packaging 3 - 2 - B4B |           |                               |



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

**Container No:** S258059**Part:** D2582**Job No:** 203902**Serial No/Batch:** S258059**Revision:****Inspector:****Exp Date:****Instructions:** Various STC's

Date: 02/25/20

Plex 11/28/19 10:47 AM Dart.lajeunesse.marie

|                |        |         |           |                        |      |
|----------------|--------|---------|-----------|------------------------|------|
|                |        |         |           | Packaging 3 - 3 - B4B  |      |
|                |        |         |           | Packaging 3 - 4 - B4B  |      |
|                |        |         |           | Packaging 3 - 5 - B4B  |      |
|                |        |         |           | Packaging 3 - 6 - B4B  |      |
|                |        |         |           | Packaging 3 - 7 - B4B  |      |
|                |        |         |           | Packaging 3 - 8 - B4B  |      |
|                |        |         |           | Packaging 3 - 9 - B4B  |      |
|                |        |         |           | Packaging 3 - 10 - B4B |      |
|                |        |         |           | Packaging 3 - 11 - B4B | MAC  |
|                |        |         |           | Packaging 3 - 12 - B4B |      |
|                |        |         |           | Packaging 3 - 13 - B4B |      |
|                |        |         |           | Packaging 3 - 14 - B4B |      |
|                |        |         |           | Packaging 3 - 15 - B4B |      |
|                |        |         |           | Packaging 3 - 16 - B4B |      |
|                |        |         |           | Packaging 3 - 17 - B4B |      |
|                |        |         |           | Packaging 3 - 18 - B4B |      |
|                |        |         |           | Packaging 3 - 19 - B4B |      |
|                |        |         |           | Packaging 3 - 20 - B4B |      |
|                |        |         |           | Packaging 3 - 21 - B4B |      |
|                |        |         |           | Packaging 3 - 22 - B4B |      |
|                |        |         |           | Packaging 3 - 23 - B4B |      |
|                |        |         |           | Packaging 3 - 24 - B4B |      |
|                |        |         |           | Packaging 3 - 25 - B4B |      |
|                |        |         |           | Packaging 3 - 26 - B4B |      |
|                |        |         |           | Packaging 3 - 27 - B4B |      |
|                |        |         |           | Packaging 3 - 28 - B4B |      |
|                |        |         |           | Packaging 3 - 29 - B4B |      |
|                |        |         |           | Packaging 3 - 30 - B4B |      |
|                |        |         |           | Packaging 3 - 31 - B4B |      |
|                |        |         |           | Packaging 3 - 32 - B4B |      |
|                |        |         |           | Packaging 3 - 33 - B4B |      |
|                |        |         |           | Packaging 3 - 34 - B4B |      |
|                |        |         |           | Packaging 3 - 35 - B4B |      |
|                |        |         |           | Packaging 3 - 36 - B4B |      |
| 130 QC 21 - SA | 10 pcs | 1/31/20 | 0.00 0.00 | QC 21 - SA - 21        | DAS  |
|                |        |         |           | QC 21 - SA - 70        | 21   |
|                |        |         |           | QC 21 - SA - 53        | 9-03 |

FEB 25 2020

Part Op 100 - (Small Fab) Assemble as per Dwg D2582 and  
 Descriptions: 110 - (QC5- Inspect part completeness to step on W/O)  
 120 - (Identify as per dwg & Stock Location: \_\_\_\_\_) LOCATION WA003  
 130 - (QC21- Final Inspection - Work Order Release)

014621

## Job BOM

| Part / Item  | Component Name        | Quantity       | Operation         | Container  |
|--------------|-----------------------|----------------|-------------------|------------|
| D2278        | Step Leg              | 20 pcs (2 ea)  | 100-Small Fab - 1 | 5142564    |
| D2279        | Step Spacer           | 10 pcs (1 ea)  | 100-Small Fab - 1 | 5174357 X2 |
| D2322        | Step Spacer           | 10 pcs (1 ea)  | 100-Small Fab - 1 | 5008903    |
| D3720-1      | Step Spacer           | 10 pcs (1 ea)  | 100-Small Fab - 1 | 5229368    |
| D3720-2      | Step Spacer           | 10 pcs (1 ea)  | 100-Small Fab - 1 | 5201397 X9 |
| MS20470AD4-4 | Rivet, Universal Head | 220 Ea (22 ea) | 100-Small Fab - 1 | 5142564    |
| MS20470AD4-5 | Rivet, Universal Head | 40 Ea (4 ea)   | 100-Small Fab - 1 | 5134218-2  |

5256859  
5205018

5201397 X9 5229368



| Job Allocations                    |                |          |           |           |
|------------------------------------|----------------|----------|-----------|-----------|
| Operation                          | Component Part | Required | Inventory | Allocated |
| 100-Small Fab - 1                  | D2278          | 20       | 10        | 0         |
|                                    | D2279          | 10       | 28        | 0         |
|                                    | D2322          | 10       | 25        | 0         |
|                                    | D3720-1        | 10       | 7         | 0         |
|                                    | D3720-2        | 10       | 32        | 0         |
|                                    | MS20470AD4-4   | 220      | 21,027    | 0         |
|                                    | MS20470AD4-5   | 40       | 1,721     | 0         |
| Part Specifications                |                |          |           |           |
| Specifications could not be found. |                |          |           |           |

Plex 11/28/19 10:47 AM Dart.lajeunesse.marie

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                            |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                         | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                                                                                            |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                   | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MRB (QSI042) |                                                                                            |  |
| <b>Description Work Order Deviation</b>                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   | <b>Disposition</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | <b>Completed By</b><br><br><b>Lead hand / Supervisor</b><br><br><b>QC / QA Coordinator</b> |  |
| <b>Root Cause</b><br><br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Presservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |              |                                                                                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   | Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |                                                                                            |  |